

PATENT
Customer Number 22,852
Attorney Docket No. **06502.0368**
Sun Docket No. P5244
Express Mail Label No. EL 984625175 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
Guy L. STEELE, JR.)	
)	
Serial No.: 10/035,589)	Group Art Unit: 2124
)	
Filed: December 28, 2001)	Examiner: Chuong D. Ngo
)	
Allowed: December 31, 2004)	Confirmation No.: 2895
)	
For: FLOATING POINT UNIT FOR)	
DETECTING AND REPRESENTING)	
INEXACT COMPUTATIONS)	
WITHOUT FLAGS OR TRAPS)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

**LETTER REQUESTING ACKNOWLEDGMENT
OF INFORMATION DISCLOSURE STATEMENTS
FILED UNDER 37 C.F.R. § 1.97**

Information Disclosure Statements were filed in this application on November 4, 2004; November 23, 2004; and December 23, 2004. In reviewing our files, we find that we have not received from your Office a copy of the Form PTO/SB/08 which would serve as acknowledgment of receipt of the Information Disclosure Statement and as an indication that the references were considered by the examiner.

A copy of the Information Disclosure Statements, the Information Disclosure Citations on Forms PTO/SB/08, and of the post cards that were filed with the

Information Disclosure Statements and were stamped by the U.S. Patent and Trademark Office to indicate receipt of the papers, is attached.

The examiner is respectfully requested either to send us a duplicate of the Forms PTO/SB/08 or issue a Supplemental Notice of Allowability (PTOL-37) which both acknowledges receipt of the Information Disclosure Statements and the Information Disclosure Citations, and indicates that the references were considered by the Examiner.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: January 27, 2005

By: 

D. Kent Stier
Reg. No. 50,640
(404) 653-6559



JAB/SRD/DKS

BEST AVAILABLE COPY

PLEASE STAMP TO ACKNOWLEDGE RECEIPT OF THE FOLLOWING:

In Re Application of: Guy L. STEELE, JR. Confirmation No.: 2895
Application No.: 10/035,589 Group Art Unit: 2124
Filed: December 28, 2001 Examiner: Chuong D. Ngo
For: FLOATING POINT UNIT FOR DETECTING AND REPRESENTING
INEXACT COMPUTATIONS WITHOUT FLAGS OR TRAPS

1. Information Disclosure Statement Under 37 C.F.R. § 1.97(c) (2 pgs)

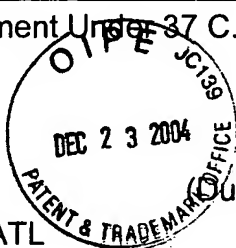
2. Form PTO/SB/08 (1 pg)

3. Check for \$180.00

Dated: December 23, 2004

Docket No.: 06502.0368-00000

D.K. Stier/S. Goodlette - Mail Drop ATL



Due Date: NDD)

Okto 12-27-04 jmo



PATENT
Customer No. 22,852
Attorney Docket No. 06502.0368
Sun Docket No. P5244

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Guy L. STEELE, JR.) Group Art Unit: 2124
)
Application No.: 10/035,589) Examiner: Chuong D. Ngo
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Filed: December 28, 2001)
)
For: FLOATING POINT UNIT FOR) Confirmation No.: 2895
DETECTING AND REPRESENTING)
INEXACT COMPUTATIONS)
WITHOUT FLAGS OR TRAPS)
)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(d)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(d), Applicant brings to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed after a Notice of Allowance but before payment of the issue fee and is accompanied by a fee of \$180.00 as specified under § 1.17(p) and a certification as specified under § 1.97(e). Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

Based on reasonable inquiry, no document listed in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and no document listed in this Information Disclosure Statement was known to

any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of this Information Disclosure Statement.

Copies of the listed foreign and non-patent literature documents are attached. Copies of the U.S. patent publications are not enclosed. Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: December 23, 2004

By: 

D. Kent Stier
Reg. No. 50,640
(404) 653-6559



21

PLEASE STAMP TO ACKNOWLEDGE RECEIPT OF THE FOLLOWING:

In Re Application of: Guy L. STEELE, JR.

Confirmation No.: 2895

Application No.: 10/035,589

Group Art Unit: 2124

Filed: December 28, 2001

Examiner: Chuong D. Ngo

For: FLOATING POINT UNIT FOR DETECTING AND REPRESENTING INEXACT
COMPUTATIONS WITHOUT FLAGS OR TRAPS

-
1. Information Disclosure Statement Under 37 C.F.R. § 1.97(d) (3 pgs)
 2. Form PTO/SB/08 (1 pg)
 3. Check for \$180.00 (IDS fee)

Dated: November 23, 2004

Docket No.: 06502.0368-00000

D.K. Stier/S. Goodlette - Mail Drop ATL



(Due Date: NDD)

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11-23-04
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PATENT
Customer No. 22,852
Sun Docket No. P5244
Attorney Docket No. 06502.0368

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
Guy L. STEELE, JR.)	Group Art Unit: 2124
Application No.: 10/035,589)	Examiner: Chuong D. Ngo
Filed: December 28, 2001)	
For: FLOATING POINT UNIT FOR)	Confirmation No.: 2895
DETECTING AND)	
REPRESENTING INEXACT)	
COMPUTATIONS WITHOUT)	
FLAGS OR TRAPS)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(d)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(d), Applicant brings to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed after a Notice of Allowance but before payment of the issue fee and is accompanied by a fee of \$180.00 as specified under § 1.17(p) and a certification as specified under § 1.97(e). Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

Based on reasonable inquiry, no document listed in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart

foreign application, and no document listed in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of this Information Disclosure Statement.

Copies of the listed foreign and non-patent literature documents are attached. Copies of the U.S. patent publications are not enclosed. Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please
charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: November 23, 2004

By: 

D. Kent Stier
Reg. No. 50,640
(404) 653-6559

IDS Form PTO/SB/08: Substitute for form 1449A/PTO		Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/035,589	
		Filing Date	December 28, 2001	
		First Named Inventor	Guy L. STEELE, JR.	
		Art Unit	2124	
		Examiner Name	Chuong D. Ngo	
Sheet	1	of	Attorney Docket Number	06502.0368

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		6,732,134	05/04/2004	Rosenberg et al.	
		6,138,135	10/24/2000	Karp	
		5,953,241	09/14/1999	Hansen et al.	
		5,481,489	01/02/1996	Yanagida et al.	

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



JAB-SPD-DHS

28

PLEASE STAMP TO ACKNOWLEDGE RECEIPT OF THE FOLLOWING:

In Re Application of: Guy L. STEELE, JR.

Confirmation No.: 2895

Application No.: 10/035,589

Group Art Unit: 2124

Filed: December 28, 2001

Examiner: Chuong D. Ngo

For: FLOATING POINT UNIT FOR DETECTING AND REPRESENTING INEXACT
COMPUTATIONS WITHOUT FLAGS OR TRAPS

-
1. Information Disclosure Statement Under 37 C.F.R. § 1.97(b) (2 pgs)
 2. Form PTO/SB/08 (1 pg)

Dated: November 4, 2004

Docket No.: 06502.0368-00000

D.K. Stier/S. Goodlette - Mail Drop ATL



(Due Date: NDD)

Dkt
11-4-04



PATENT
Customer No. 22,852
Sun Docket No. P5219
Attorney Docket No. 6502.0367

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
Guy L. STEELE, JR.)	Group Art Unit: 2124
)	
Application No.: 10/035,579)	Examiner: Chuong D. Ngo
)	
Filed: December 28, 2001)	
)	
For: FLOATING-POINT SQUARE)	Confirmation No.: 2901
ROOT FUNCTION UNIT)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Copies of the listed foreign and non-patent literature documents are attached. Copies of the U.S. patent publications are not enclosed. Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the

documents as prior art against any claim in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: November 4, 2004

By: 

D. Kent Stier
Reg. No. 50,640
(404) 653-6559

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	10/035,579
Filing Date	December 28, 2001
First Named Inventor	Guy L. STEELE, JR.
Art Unit	2124
Examiner Name	Tan V. Mai
Attorney Docket Number	06502.0367

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		4,777,613 B1	10/11/1988	Shahan et al.	
		4,788,655 B1	11/29/1988	Nakayama et al.	
		5,065,352 B1	11/12/1991	Nakano	
		5,161,117 B1	11/03/1992	Waggener, Jr.	
		5,249,149 B1	09/28/1993	Cocanougher et al.	
		5,307,303 B1	04/26/1994	Briggs et al.	
		5,363,321 B1	11/08/1994	Dao Trong et al.	
		5,365,465 B1	11/15/1994	Larson	
		5,570,310 B1	10/29/1996	Smith	
		5,862,066 B1	01/19/1999	Rossin et al.	
		5,931,943 B1	08/03/1999	Orup	
		5,978,901 B1	11/02/1999	Luedtke et al.	
		6,105,047 B1	08/15/2000	Sharangpani et al.	
		6,108,772 B1	08/22/2000	Sharangpani	
		6,151,669 B1	11/21/2000	Huck et al.	
		6,393,555 B1	05/21/2002	Meier et al.	
		6,490,607 B1	12/03/2002	Oberman	
		6,789,098 B1	09/07/2004	Dijkstra	

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶

Examiner
SignatureDate
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Complete if Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

JAN 27 2005

Application Number	10/035,589
Filing Date	December 28, 2001
First Named Inventor	Guy L. STEELE, JR.
Art Unit	2124
Examiner Name	Chuong D. Ngo
Attorney Docket Number	06502.0368

Sheet	1	of	1
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U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		6,658,444	12/02/2003	Walster et al.	
		6,658,443	12/02/2003	Walster	
		6,629,120	09/30/2003	Walster et al.	
		2003/0033335	02/13/2003	Walster	
		2002/0194232	12/19/2002	Walster	
		6,360,189	03/19/2002	Hinds et al.	
		6,205,460	03/20/2001	Steele, Jr.	
		6,189,094	02/13/2001	Hinds et al.	
		5,666,301	09/09/1997	Makino	
		4,991,131	02/05/1991	Yeh et al.	
		3,725,649	04/03/1973	Deerfield	

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004
FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.